**Standard(s): MAFS.7.EE.1.1:** Apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients.

**Cognitive Complexity:** Level 1: Recall

**Assessment Limits:**
- Numbers in items must be rational numbers.
- Expressions must be linear and contain a variable.

<table>
<thead>
<tr>
<th>Level</th>
<th>The student will be able to:</th>
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| 4     | • Analyze for errors in the use of properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients.  
      • Apply and justify properties of operations as strategies to add, subtract, factor, and expand complex linear expressions with rational coefficients. |
| 3     | • Apply properties of operations as strategies to add linear expressions with rational coefficients.  
      • Apply properties of operations as strategies to subtract linear expressions with rational coefficients.  
      • Apply properties of operations as strategies to factor linear expressions with rational coefficients.  
      • Apply properties of operations as strategies to expand linear expressions with rational coefficients. |
| 2     | • Apply properties of operations as strategies to add linear expressions with integer coefficients.  
      • Apply properties of operations as strategies to subtract linear expressions with integer coefficients.  
      • Apply properties of operations as strategies to factor linear expressions with integer coefficients.  
      • Apply properties of operations as strategies to expand linear expressions with integer coefficients. |
| 1     | The student will be able to recognize the meaning of:  
      • Properties of Operations, linear expressions, factor, expand, coefficients, rational coefficients.  
      The student will be able to:  
      • Apply properties of operations as strategies to add linear expressions with whole number coefficients.  
      • Apply properties of operations as strategies to subtract linear expressions with whole number coefficients.  
      • Apply properties of operations as strategies to factor linear expressions with whole number coefficients.  
      • Apply properties of operations as strategies to expand linear expressions with whole number coefficients. |